Ketone Action Plan For PUMP Users

NEMOURS CHILDREN'S HEALTH

Wolfson Children's Hospital

Check for ketones if blood sugar is greater than 300 mg/dL for over 2 hours

OR you have NAUSEA, VOMITING, OR FEELING SICK

GO to the **ER** or **CALL 911** If experiencing confusion, frequent vomiting, or rapid breathing

CHECK KETONES

Moderate or Large
40-160 mg/dL

Calculate usual correction dose and then multiply by **1.2** and give **shot** of insulin

DRINK sugar free fluids AND CHANGE PUMP

Change Pump and Site

Check ketones and blood sugar every 2 hours and give another correction dose if ketones are still **moderate** or **large**

If you are having rapid breathing, confusion or frequent vomiting call 911 or go to the ER immediately

Still moderate or large? Yes

Call **904-697-3600** Ask to speak to Endocrine team

If blood sugar less than 200 and ketones are decreasing, resume usual diabetes management

Small
15 mg/dL

Change Pump and Site

Give usual correction dose with new pump site in place

DRINK sugar free fluids

Wait 2 hours
Is your blood sugar less than 200 **and ketones are decreasing**?

NO, Call **904-697-3600** Ask to speak to Endocrine team

YES, resume usual diabetes management

Negative or Trace
0-5 mg/dL

Check pump and site for malfunction and give usual correction dose

DRINK sugar free fluids

Wait 2 hours
Check for ketones again. Do you still have ketones?

YES, Change pump site and give usual correction dose

Check blood sugar and ketones again in 2 hours and return to ***stop light*** if ketones are still present

NO, resume usual diabetes management